

1 CCCACGGCTC CGCATAAATC AGCAGCGCGC CGGAGAAACC CGCAATCTCT CGGCCACCAA AATACACCGA CGATGCCCGA TCTACTTTAA GGGCTGAAAC
GGGTGGCAG CCGTATTAG TCGTGGCGCG CCTCTTGG GCGGTGCT TATGTGGCT GCTACGGCT AGATGAAAT CCCGACTTG

101 CCACGGGCTT GAGAGACTAT AAGAGCGTTC CCTACCGCCA TGGACAACAG GGCACAGAAC GCGCGGGCG CTTGGGGGGC CCGGAAAAGG CACGGGCCAG
GGTGGCGGA CTCTCTGATA TTCTCGCAAG GATGGCGGT ACCTGTGTC CCTGTCTTG CCGGGCGCG GAAGCCCCCG GGCCTTTCC GTGCCGGGT

1 M etGlulinar gGlyGlnasn AlaProAla laSerGlyAl aArgLysArg HisGlyProGly

201 GACCCAGGA GGGCGGGGA GCCAGGCGTG GGTCCGGGT CCCCAGACC CTTGTGCTCG TTGTGCGCG GTCTCTGCTG TTGGTCTCAG CTGAGTCTGC
CTGGTCCCT CCGGCCCT CCGGCCCT CCGTCCGAC CCGAGGCCCA GGGTCTTG GAAACAGAG AACAGCGCG CCAGGACGAC AACAGAGTC GACTCAGACG

22 ProArgG1 uAlaArgGly AlaArgProG lyLeuArgVa lProLysThr LeuValLeuV alValAlaAl aValLeuLeu LeuValSerA laGluserAla

301 TCTGATCAC CAACAGACC TAGTCCCA TAGTCCCA GCAGAGAGCG GCGCCACAAC AAAAGAGGTC CAGCCCTCA GAGGATTGT GTCCACCTGG ACACCATATC
AGACTAGTG GTTGTCTG ATCGAGGGGT CGTCTCTCG CCGGTCTCG CCGGTCTG TTTTCTCCAG GTCCGAGGT CTCCCTAACA CAGGTGGACC TGTGGTATAG

55 LeuileThr GlnGlnAspL euAlaProG1 nGlnArgAla AlaProGlnG lNlysArgse rSerProser GluglyLeuC ysProProG1 yHisHisile

401 TCAGAAAGCG GTAGAGATTG CATCTCTCG CATCTCTCG AAATATGGAC AGGACTATAG CACTCACTGG AATGACCTCC TTTTCTGCTT GCGTGCACC AGGTGTGATT
AGTCTCTCG CATCTCTAC GTAGAGGACG TTTATACCTG TCCTGATATC GTAGTGACC TTTACTGGAG AAAAGACGAA CGCGACGTGG TCCACACTAA

-88 SerGluaspG lyArgAspCy sileSerCys LysTyrglyG lNAspTyse rThrHistrp AsnAspLeuL eupheCysLe uArgCysThr ArgCysaspser

501 CAGGTGAAGT GGAGCTAAGT CCCTGCACCA CGACAGGAA CACAGTGTGT CAGTCCGAG AAGGCACCTT CCGGGAAGAA GATTCTCTCTG ACATGTGCCG
GTCCACTCA CCTCGATTCA GGGACGTGT GCTGTCTTT GTGTACACA GTACCGCTT TCCGTTGAA GCGCTTCTT CTAAGAGGAC TCTACACGGC

122 GlyGluVa lGluLeuser ProCysThrt hrThrArgAs nThrValCys GlnCysGluG lNlyThrPh eArgGluGlu AspserProG luMetCysArg

601 GAAGTGCCG ACAGGGTGT CCAGAGGGAT GGTCAAGGT CAGTATTGTA CACCTGGAG TGACATCGAA TGTGTCCACA AAGAA'ACAGG CATCATATA
CTTACGGCG TGTCCACAG GGTCTCCCTA CAGTCTCCCA CCAGTCCAG CCACATAACAT GTGGGACCTC ACTGTAGCTT ACACAGGTGT TTCTTAGTCC GTAGTAGTAT

155 LysCysArg ThrGlyCysP roArgGlyMe tValLysVal GlyAspCyst hrProTrpse rAspIleGlu CysValHisL ysGluSerG1 yIleIleile

701 GGAGTCACAG TTGCAGCCGT AGTCTTGATT GTGGCTGTGT TTGTTTGCAA GTCTTTACTG TCGAAGAAAG TCCTTCTCTTA CCTGAAAGGC ATCTGCTCAG
CCTCAGTGC AACGTGGCA TCAGAACTAA CACCGACACA AACAAACGTT CAGAAATGAC ACCTTCTTTC AGGAAGGAAT GCACCTTCCG TAGACGAGTC

188 GlyValThrV alAlaAlaVa lValLeuile ValAlaValP heValCysLy sserLeuLeu TrpLysLysV alleuProTy rLeuLysGly ileCysSerGly

801 GTGGTGGTGG GGACCCCTGAG CGTCTGGACA GAAGCTCACA ACGACCTGG GCTGAGGACA ATGTCCTCAA TGAGATCGTG AGTATCTTGC AGCCACCCCA
CACCAACACC CCTGGGACTC GCACACCTGT CTTGAGTGT GTCTGGACCC CGACTCCTGT TACAGGAGTT ACTCTAGCAC TCATAGAACG TCGGGTGGGT

222 GlyGlyG1 yAspProGlu ArgValAspa rgSerSerG1 nArgProGly AlaGluAspa snValLeuAs nGluileVal serileLeuG lNProThrGln

901 GGTCCCTGAG CAGGAAATGG AAGTCCAGGA GCCAGCAGAG CCAACAGGTG TCAACATGTT GTCCCGCGG GAGTCAGAGC ATCTGCTGGA ACCGGCAGAA
CCAGGGACTC GTCCCTTACC TTCAGGTCTT CCGTCCGCTC GGTGTGCCAC AGTTGTACAA CAGGGGCGC CTCAGTCTCG TAGACGACCT TGGCGCTCTT

255 ValProGlu GlnGluMetG luValGlnG1 uProAlaGlu ProThrGlyV alAsnMetle uSerProGly GluserGluH isLeuLeuG1 uProAlaGlu

1001 GCTGAAAGGT CTCAGAGGAG GAGGCTGCTG GTTCCAGCAA ATGAAGGTGA TCCACTGAG ACTCTGAGAC AGTCTTCTGA TGACTTTGCA GACTTGGTGC
CGACTTTCCA GAGTCTCCTC CTCGACGAC CAAGTCTGTT TACTTCCACT AGGTGACTC TGAGACTCTG TCACGAAGCT ACTGAAACGT CTGAACCCAG

288 AlaGluArgS erGlnArgAr gArgLeuLeu ValProAlaA snGluGlyAs pProThrGlu ThrLeuArgG lNcysPheAs pAspPheAla AspLeuValPro

1101 CCTTTGACTC CTGGAGCCG CTCATGAGGA AGTTGGCCCT CATGGACAAT GAGATAAAGG TGGCTAAAGC TGAGGCAGCG GGCCACAGGG ACACCTTTGTA
GGAAGCTGAG GACCCCTCGC GAGTACTCCT TCAACCCGGA GTACCTGTTT TGTATATTCG AGGATTTGG ACTCGTCCG CCGGTGTCCC TGTGGAACAT
322 pheaspse rtrpGlupro LeuMetArgL ysLeuglyLe uMetaspAn Gluilelysv AlAlaLySAI AGluAlaAla GlyHisArga spThrLeutyF
1201 CAGCATGCTG ATAAAGTGG TCAACAAAAC CGGGCGAGAT GCCTCTGTCC ACACCCGTCT GATGCTTGG GAGACGCTGG GAGAGAGACT TGCCAAAGCAG
GTGCTACGAC TATTTACACC AGTTGTTTTG GCCCGCTCTA CGGAGACAGG TGTGGGACGA CCTACGGAAC CTCTGCGACC CTCTCTCTGA ACGGTTCGTC
355 ThrMetLeu IleLysTrpV alAsnLysTh rGlyArgasp AlaservAlH 1sthrLeuLe uAspAlaLeu GluThrLeug lyGluArgle uAlaLysGln
1301 AAGATTGAGG ACCACTTGT GAGCTCTGGA AAGTTCTATGT ATCTAGAAGG TAATGCGAGC TCTGCCWTGT CCTAAGTGTG ATTCTCTTCA GGAAGTGAGA
TTCTAACTCC TGGTGAACAA CTCGAGACCT TTCAAGTACA TAGATCTTCC ATTACGTCTG AGACGGAACA GGATTCACAC TAAGAGAAAGT CCTTCACCTCT
388 LysIleGluA sphIsLeuLe uSerSerGly LysPheMetT yrLeuGluGl yAsnAlaasp SerAlaXqqS erOG*
1401 CCTTCCCTGG TTTACCTTTT TTCTGGAAA AGCCCAACTG GACTCCAGTC AGTAGGAAAG TGCCACAATT GTCACATGAC CGGTACTGGA AGAAACTCTC
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1501 CCATCCAAAC TCACCCAGTG GATGGAACAT CCTGTAACTT TTCACCTGCAC TTGGCATTAT TTTTATAAGC TGAATGTGAT AATAAGGACA CTATGGAAT
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1601 GTCCTGGATCA TTCCGTTTGT GCGTACTTTG AGATTGGTTT TGGGATGTCA TTGTTTTTTC AGCACCCTTTT TATCCTAATG TAAATGCCTT ATTTATTTAT
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1701 TTGGGGCTACA TTGTAAAGATC CATCTACAAA AAAAAAAA AAAAAAAA GCGGCGCGCG ACTCTAGAGT CGACCTGCAG AAGCTTGGCC GCCATGGCC
AACCCTGATG AACATTCTAG GTAGATGTTT TTTTTTTTTT TTTTTTTTTT CCGCCGCGCG TGAGATCTCA GCTGGACGTC TTCGAAACCG CGGTACCGG

Fig. 1 (cont.)

Fig. 2 A

1 MEORGONAPAAAGARKRHGPGPREARGARPLRVPKTLVLVAAVLLLVSAESALITQQD
 61 LAPQQRAPQQRSSPSEGLCPPGHHSIEDGRDCISCKYQDYSTHWNDLLFCRLRQTRCD
 121 SGEVELSPCTTTRNTVCQCEGTREEDSPENCRKCRGTPRGVMKVGDCTPWSDIQCVH
 181 KESGIIIGVTAAVVLIVAFVCKSLIMKKVLPYKICSGGGGDPERVDRSSQRPGEAD
 241 NVLNEIVSILQPTQVPEQEMEVQEPAPETGVNMLSPGESEHLLLEPAEAERSQRRRLVPA
 301 NEGDPTELRQCFFDADLVFPDSEWPLMRKLGIMDNEIKVAKAEAGHRDLYTMLIKW
 361 VNKTGRDASVHTLLDALETGLERLAKQKIEDHLLSSGKFMYLEGNADSALS

Fig. 2 B

Apo2	FA	DL	VP	ED	SW	EP	LM	RR	KK	GG	LM	DN	EE	KK	VAK	AE	AA	-	-	CH	RD	TT	
DR4	FA	NI	VP	ED	SW	DQ	LM	RR	QQ	ED	DE	TK	NE	ED	VV	RR	AG	TA	-	-	GP	GD	AL
Apo3/DR3	VM	DA	VP	AR	RR	KK	EE	VR	TT	GG	TR	EA	EE	EA	VE	VE	IG	EE	-	-	FR	DD	QQ
TNFR1	VV	EN	VP	PL	RR	KK	EE	VR	RR	GG	SD	HE	DD	RR	LE	LQ	NN	GR	-	-	CL	RE	AA
Fas/Apo1	IA	GV	MT	LS	QV	KG	FE	VR	KN	GG	VN	EA	KT	DE	IK	ND	NN	VQ	DT	AE	EQ	KV	

Apo2	VT	NI	KK	WV	VN	KK	TR	GR	D	-	AS	VH	TT	ED	DA	LE	TL	GE	PL	AK	QK	IED
DR4	YA	ML	KK	WV	VN	KK	TR	GR	N	-	AS	IH	TT	ED	DA	LE	RM	EE	ER	AK	QK	IQD
Apo3/DR3	XE	ML	KK	RR	RR	QQ	QP	-	A	-	AG	LG	AV	YA	AL	ER	MG	GL	GG	CV	ED	LLRS
TNFR1	XS	ML	AT	NR	RR	RR	PP	RR	EA	TT	LE	LG	GR	VR	LR	DM	DL	LG	CL	ED	DE	
Fas/Apo1	-	QL	LR	NW	HQ	LH	CK	KE	AY	-	DT	II	IK	DI	KK	AN	LC	TL	AE	KI	Q	

Fig. 3

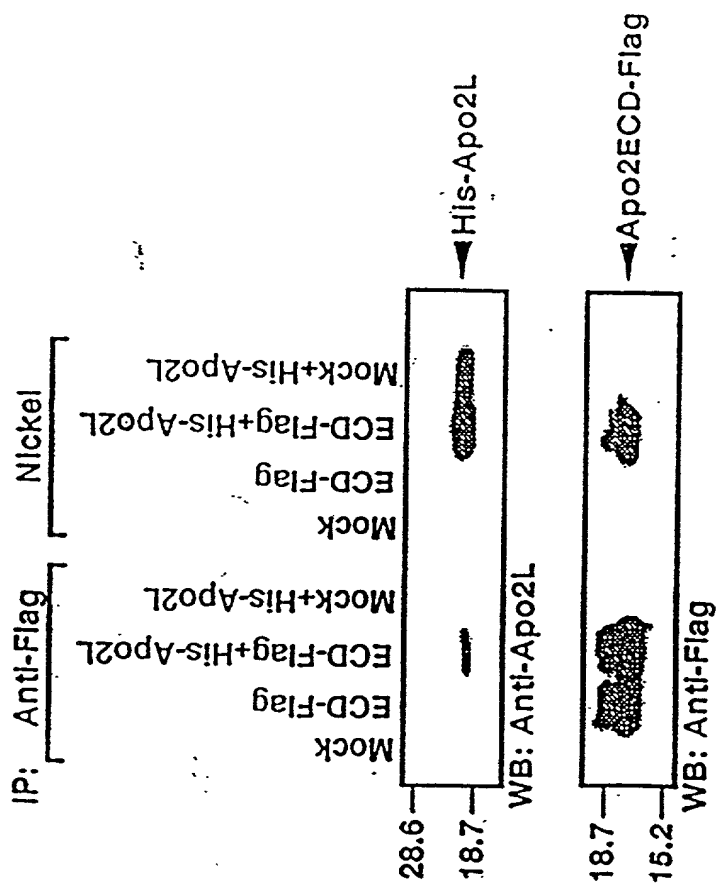
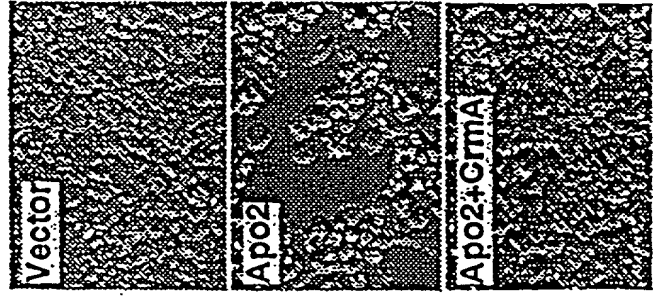
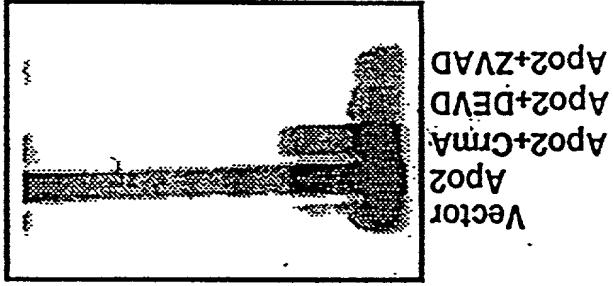


Fig. 4

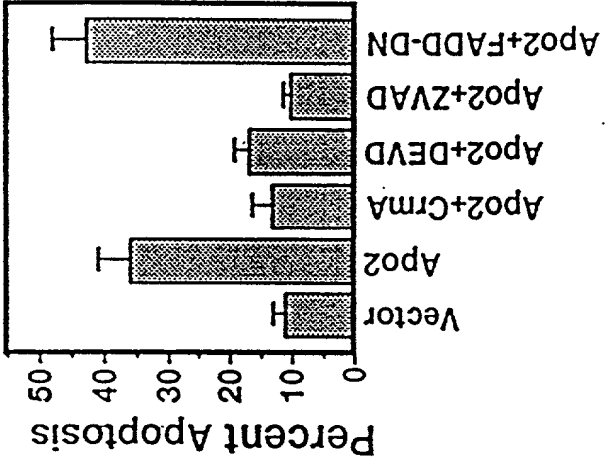
4A



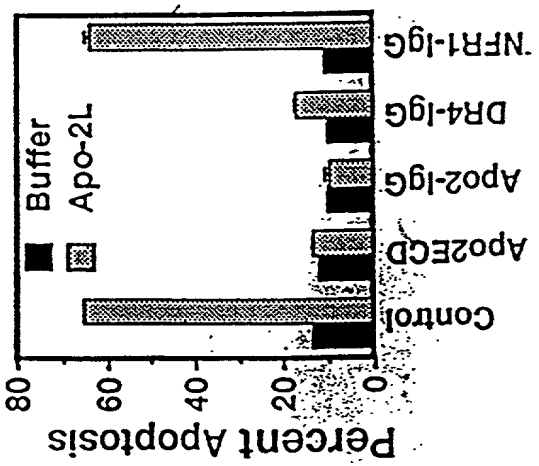
4B



4C



4D



4E

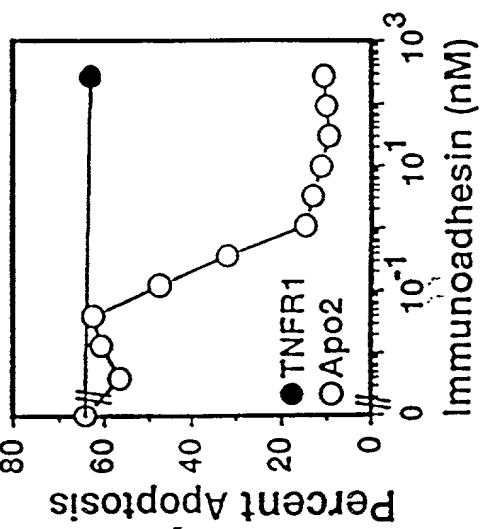
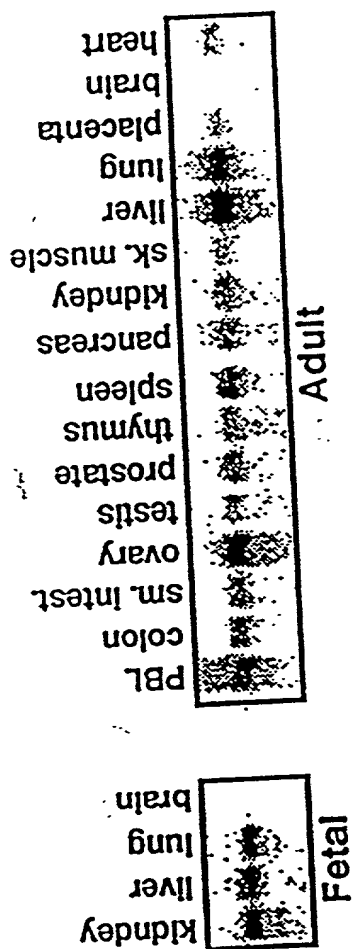


FIG. 6A



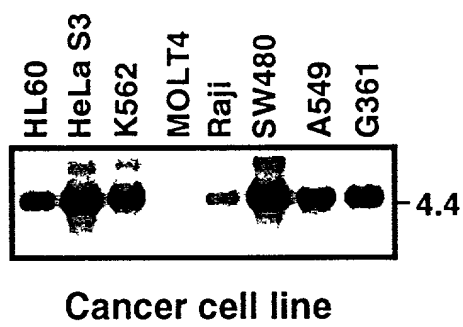


Fig. 6B

T0201T-86425001

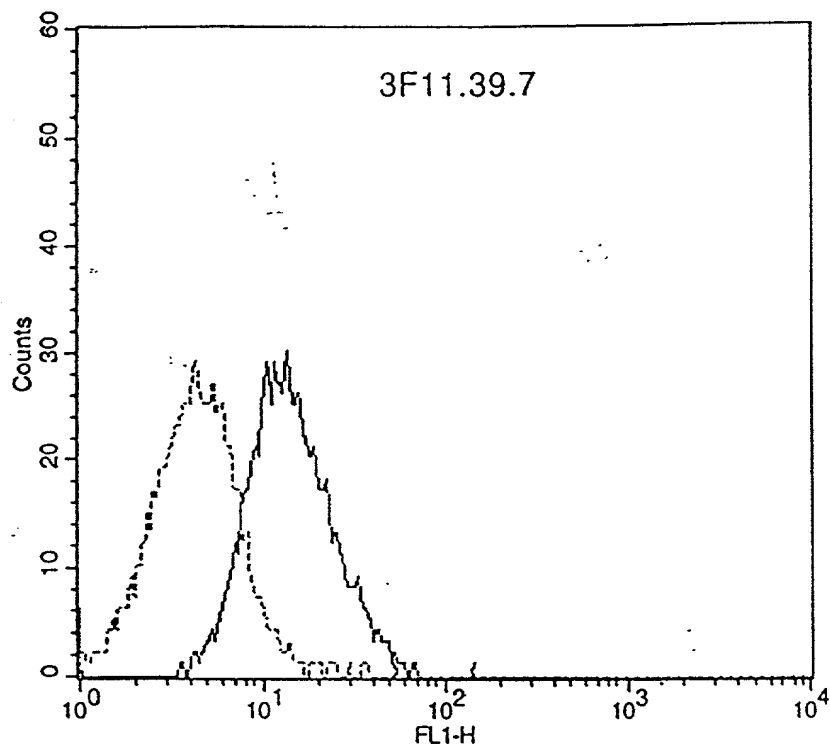


Fig. 7

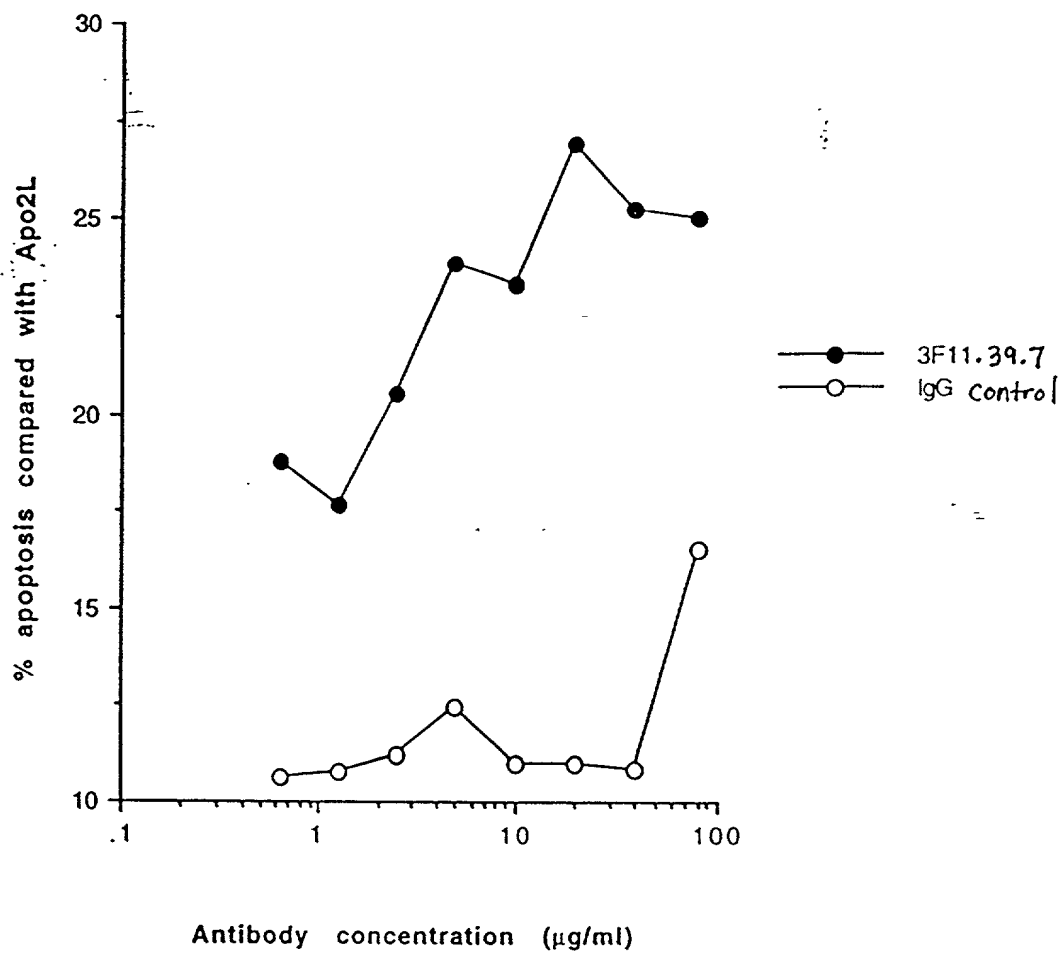


Fig. 8

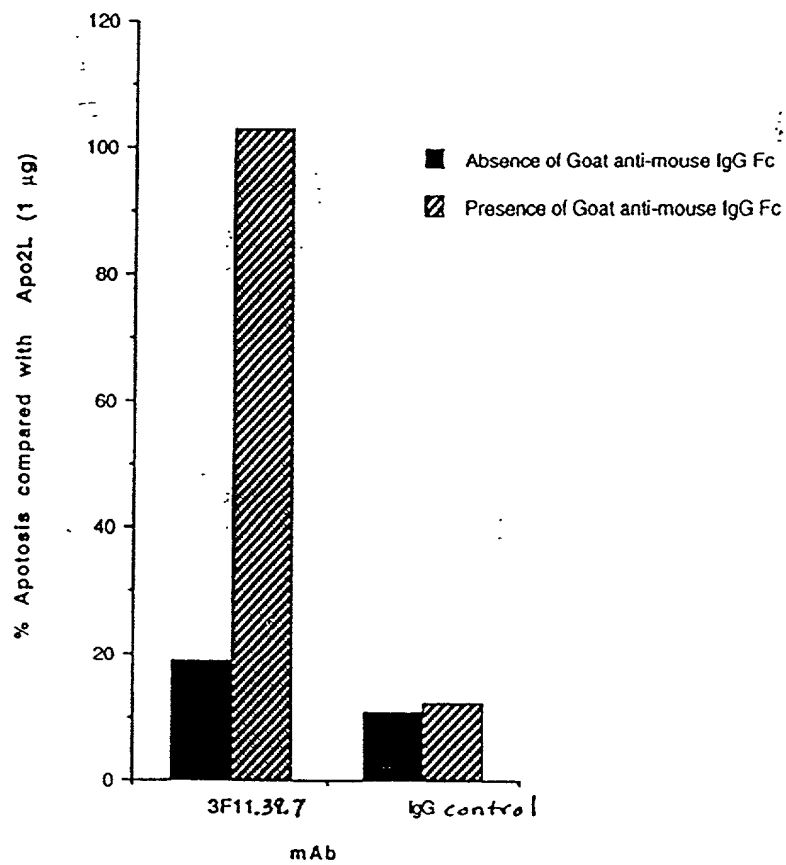


Fig. 9

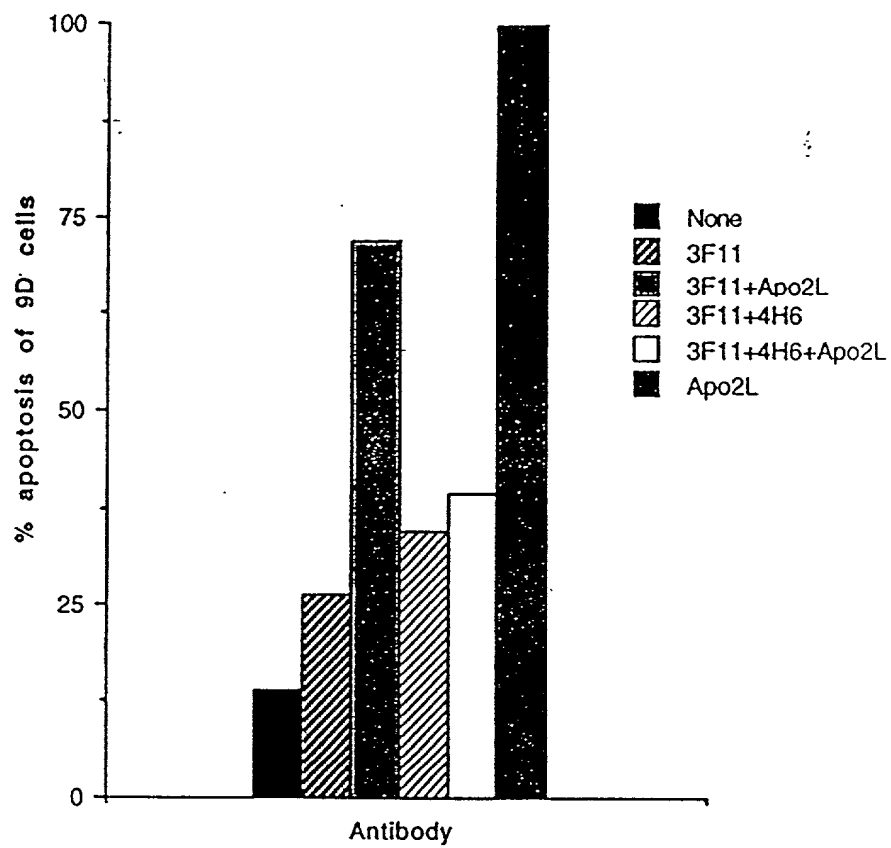


Fig : 10

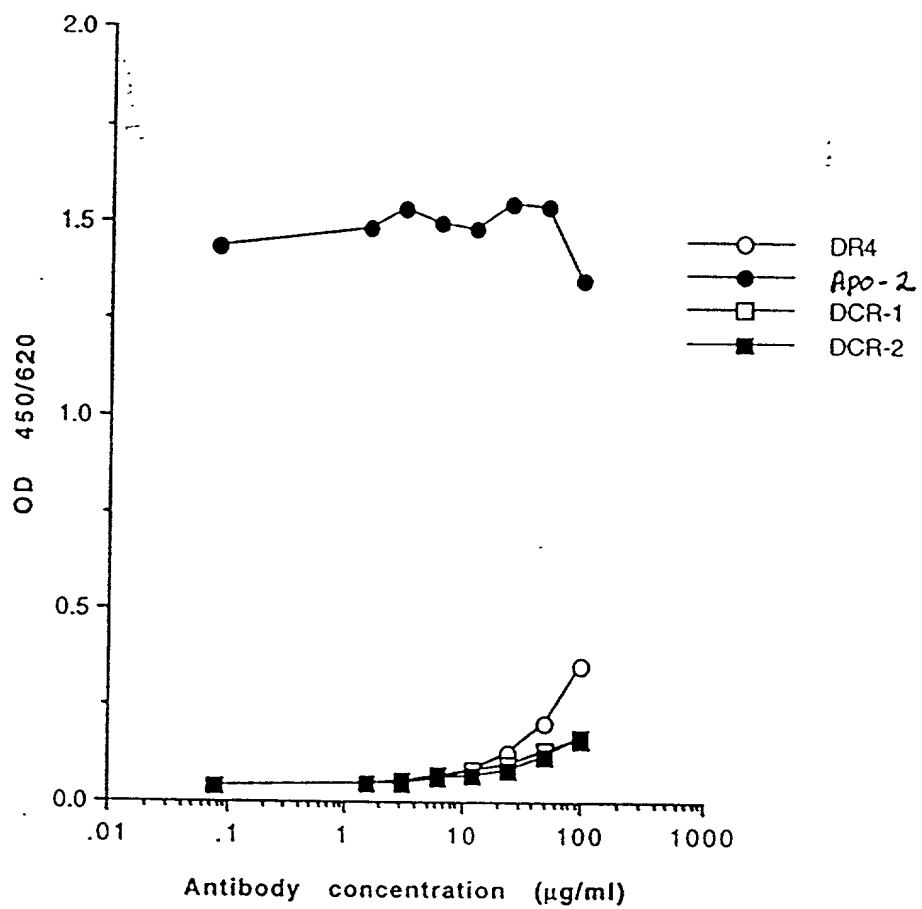


Fig. 11

Fig. 12A

7037-264001

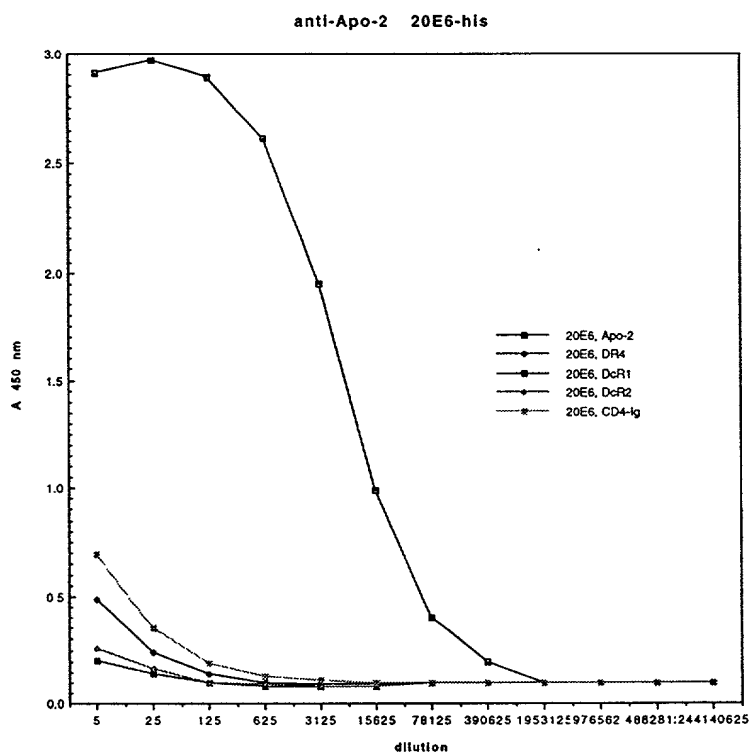


Fig. 12B

100393625007

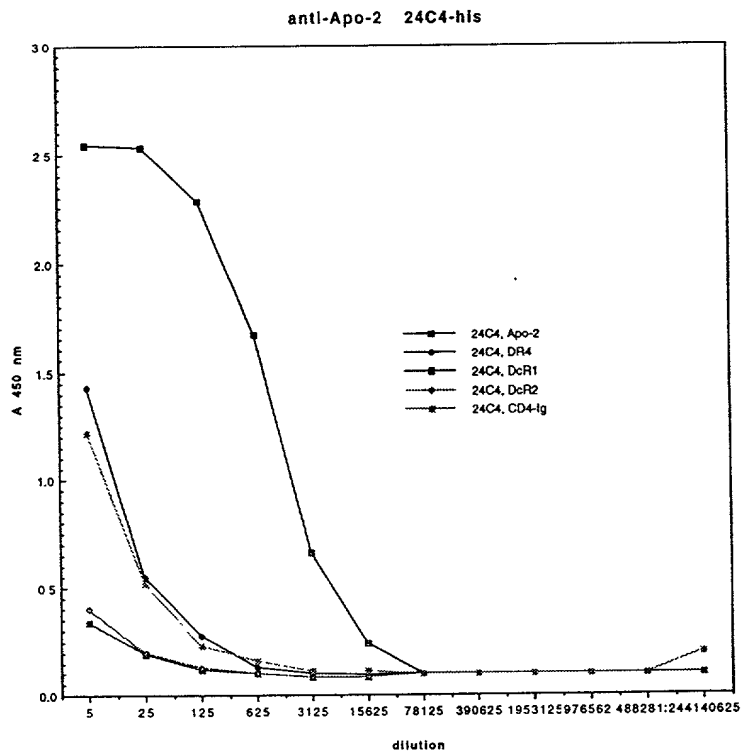


Fig. 12c

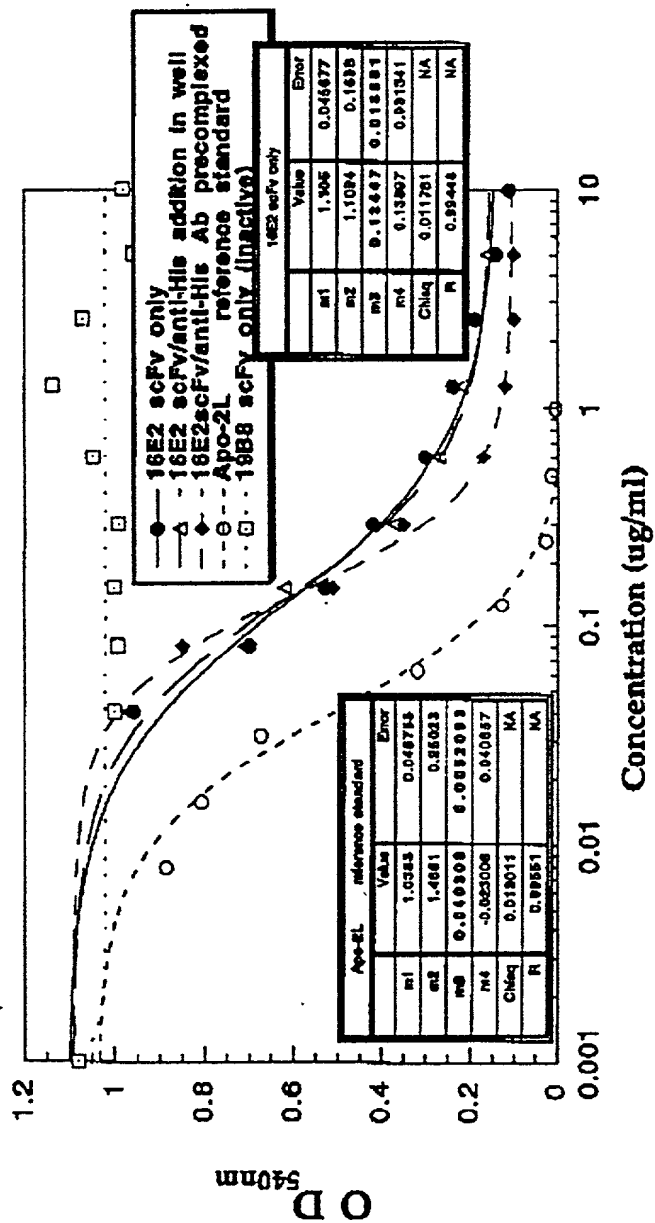


Fig. 13A

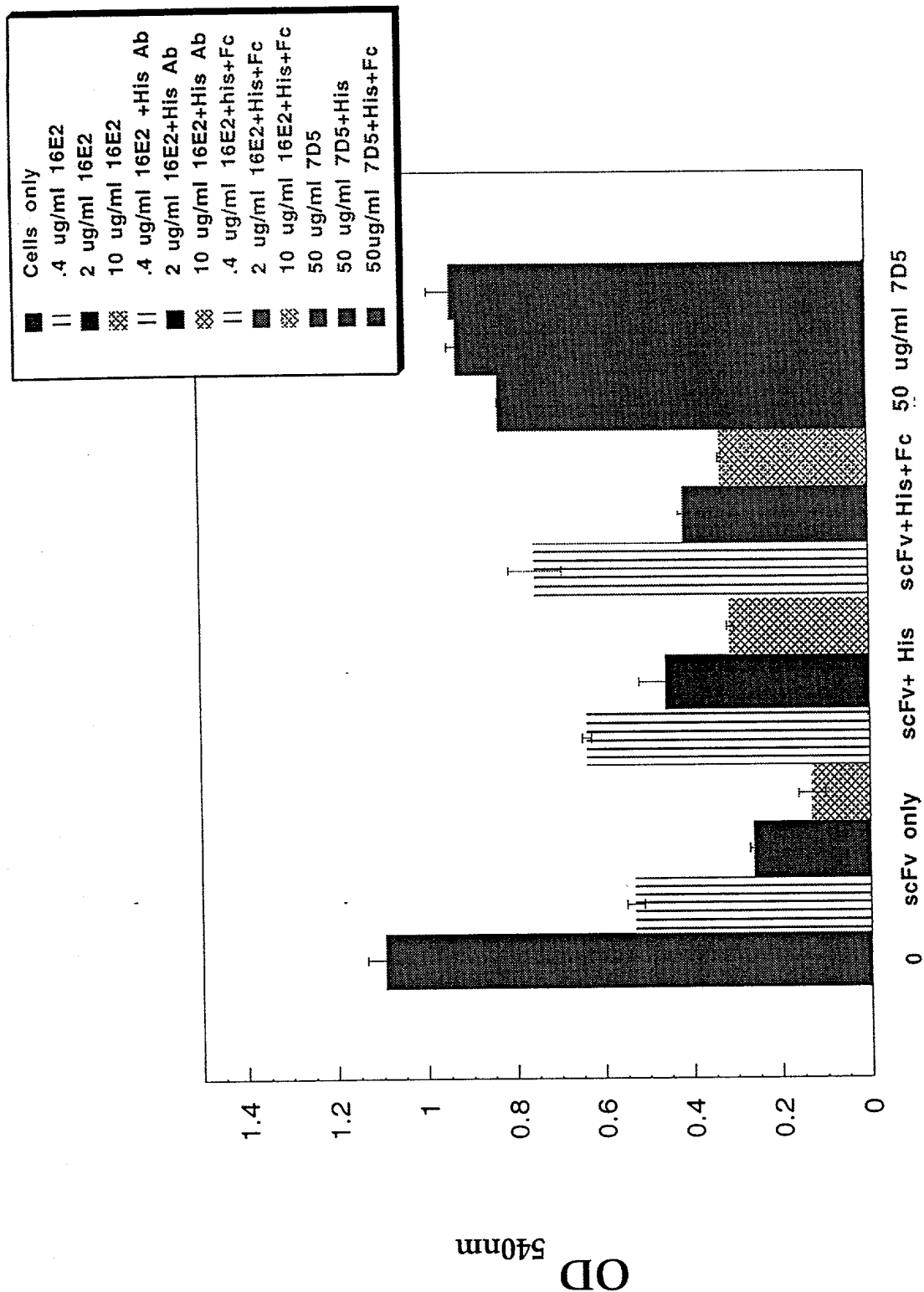


Fig. 13B

TOP SECRET 8642500T

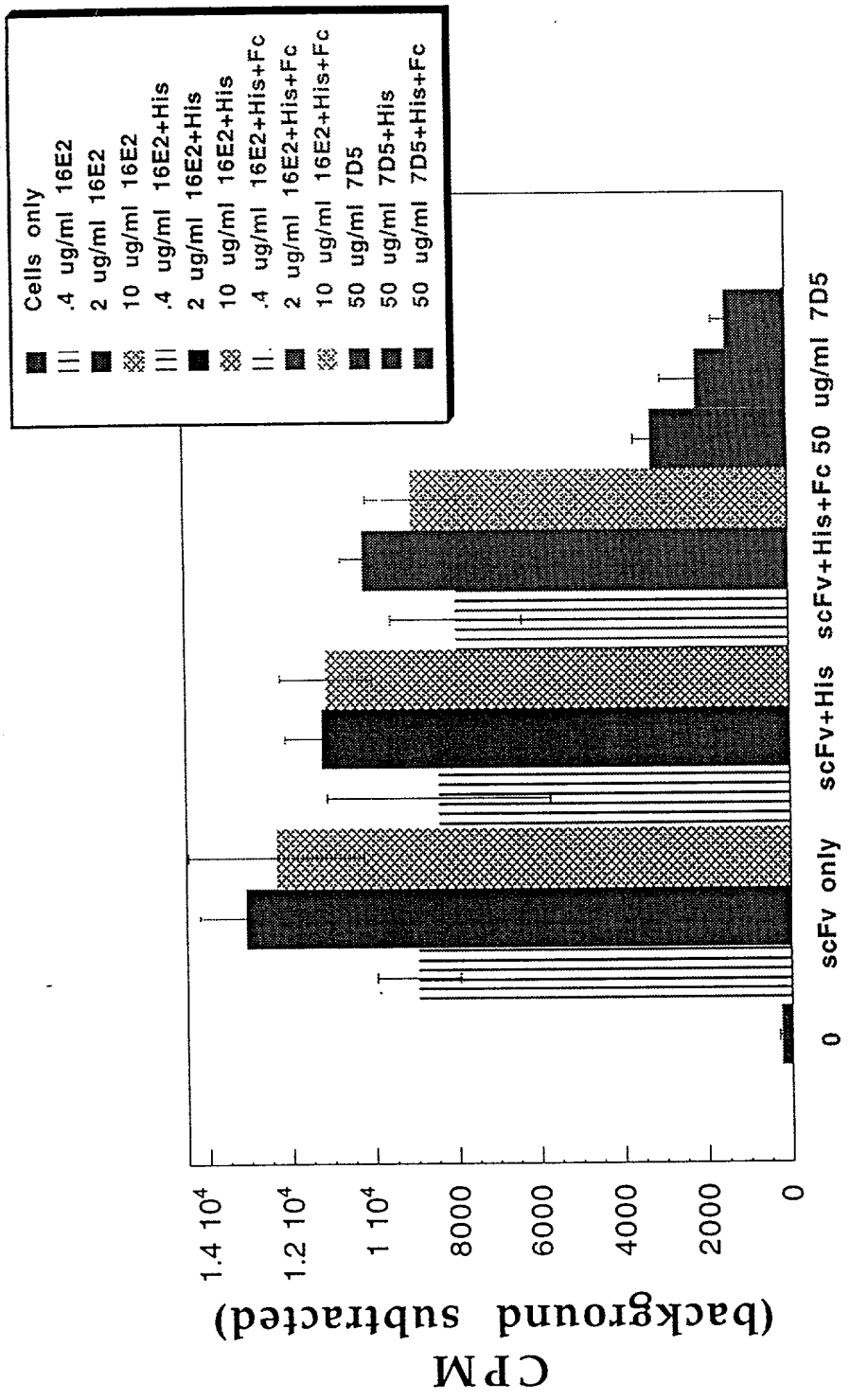


Fig. 13C

TEOT 3625007

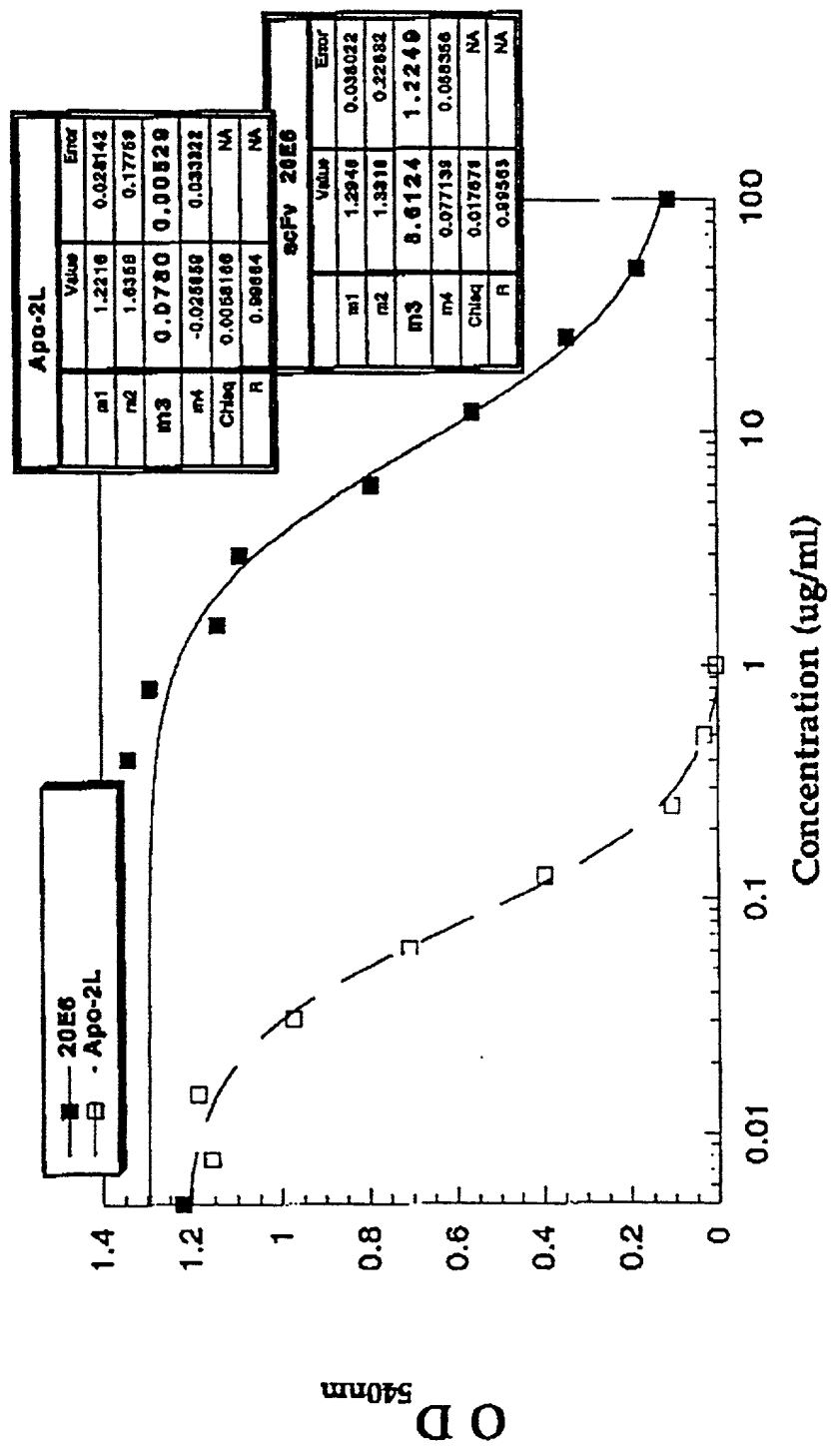


Fig 14A

FIGURE 14B

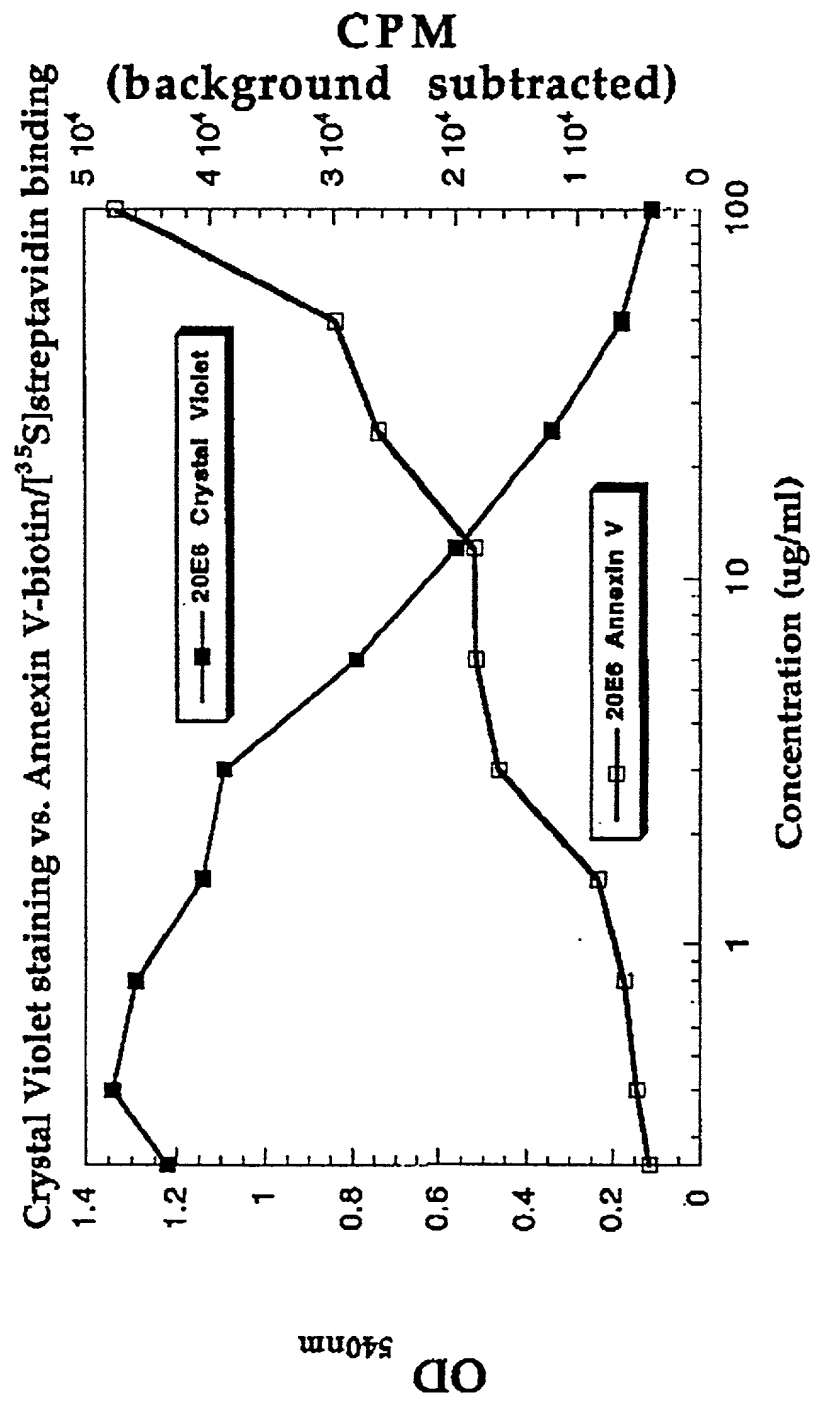


Fig. 14B

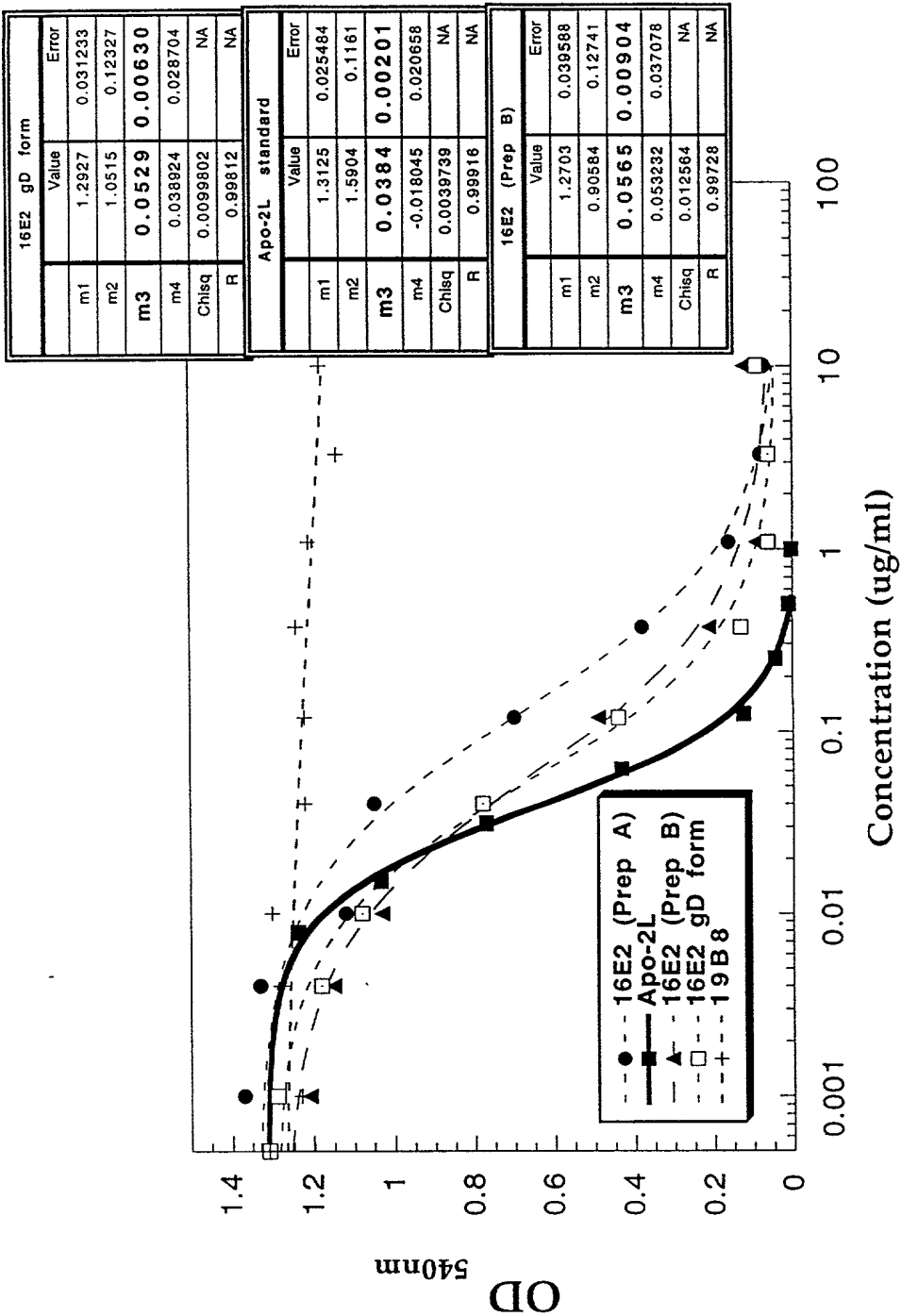


Fig. 14C

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 CGTGAAAAAA TTATTATTCG CAATTCCTTT AGTTGTTCTT TTCTATGCGG 100
 CCCAGCCGGC CATGGCCGAG GTGCAGCTGG TGCAGTCTGG GGGAGGTGTG 150
 GAACGGCCGG GGGGGTCCCT GAGACTCTCC TGTGCAGCCT CTGGATTAC 200
 CTTTGATGAT TATGGCATGA GCTGGGTCCG CCAAGCTCCA GGAAGGGGC 250
 TGGAGTGGGT CTCTGGTATT AATTGGAATG GTGGTAGCAC AGGATATGCA 300
 GACTCTGTGA AGGGCCGAGT CACCATCTCC AGAGACAACG CCAAGAACTC 350
 CCTGTATCTG CAAATGAACA GCCTGAGAGC CGAGGACACG GCCGTATATT 400
 ACTGTGCGAA AATCCTGGGT GCCGGACGGG GCTGGTACTT CGATCTCTGG 450
 GGAAGGGGA CCACGGTCAC CGTCTCGAGT GGTGGAGGCG GTTCAGGCGG 500
 AGGTGGCAGC GGCGGTGGCG GATCGTCTGA GCTGACTCAG GACCCTGCTG 550
 TGTCTGTGGC CTTGGGACAG ACAGTCAGGA TCACATGCCA AGGAGACAGC 600
 CTCAGAAGCT ATTATGCAAG CTGGTACCAG CAGAAGCCAG GACAGGCCCC 650
 TGTACTTGTC ATCTATGGTA AAAACAACCG GCCCTCAGGG ATCCCAGACC 700
 GATTCTCTGG CTCCAGCTCA GGAAACACAG CTTCTTGAC CATCACTGGG 750
 GCTCAGGCGG AAGATGAGGC TGACTATTAC TGTAACCTCC GGGACAGCAG 800
 TGGTAACCAT GTGGTATTCG GCGGAGGGAC CAAGCTGACC GTCCTAGGTG 850
 CGGCCGCACA TCATCATCAC CATCACGGGG CCGCAGAACA AAAACTCATC 900
 TCAGAAGAGG ATCTGAATGG GGCCGCATAG 930

Fig. 15A

ATGACCATGA TTACGCCAAG CTTTGGAGCC TTTTTTTTGG AGATTTTCAA 50
 CGTGAAAAAA TTATTATTCG CAATTCCTTT AGTTGTTCCCT TTCTATGCGG 100
 CCCAGCCGGC CATGGCCGGG GTGCAGCTGG TGGAGTCTGG GGGAGGCTTG 150
 GTCCAGCCTG GGGGGTCCCT GAGACTCTCC TGTGCAGCCT CTGGATTAC 200
 CTTTAGTAGC TATTGGATGA GCTGGGTCCG CCAGGCTCCA GGAAGGGGC 250
 TGGAGTGGGT GGCCAACATA AAGCAAGATG GAAGTGAGAA ATACTATGTG 300
 GACTCTGTGA AGGGCCGATT CACCATCTCC AGAGACAACG CCAAGAACTC 350
 ACTGTATCTG CAAATGAACA GCCTGAGAGC CGAGGACACG GCTGTGTATT-400
 ACTGTGCGAG AGATCTTTTA AAGGTCAAGG GCAGCTCGTC TGGGTGGTTC 450
 GACCCCTGGG GGAGAGGGAC CACGGTCACC GTCTCGAGTG GTGGAGGCGG 500
 TTCAGGCGGA GGTGGTAGCG GCGGTGGCGG ATCGTCTGAG CTGACTCAGG 550
 ACCCTGCTGT GTCTGTGGCC TTGGGACAGA CAGTCAGGAT CACATGCCAA 600
 GGAGACAGCC TCAGAAGCTA TTATGCAAGC TGGTACCAGC AGAAGCCAGG 650
 ACAGGCCCCCT GTACTTGTC A TCTATGGTAA AAACAACCGG CCCTCAGGGA 700
 TCCCAGACCG ATTCTCTGGC TCCAGCTCAG GAAACACAGC TTCCTTGACC 750
 ATCACTGGGG CTCAGGCGGA AGATGAGGCT GACTATTACT GTAAC TCCCG 800
 GGACAGCAGT GGTAACCATG TGGTATTCGG CGGAGGGACC AAGCTGACCG 850
 TCCTAGGTGC GGCCGCACAT CATCATCACC ATCACGGGGC CGCAGAACAA 900
 AAACTCATCT CAGAAGAGGA TCTGAATGGG GCCGCATAG 939

Fig. 15B

ATGACCATGA TTACGCCAAG CTTTGGAGCC TTTTTTTTGG AGATTTTCAA 50
 CGTGAAAAAA TTATTATTCG CAATTCCTTT AGTTGTTTCCT TTCTATGCGG 100
 CCCAGCCGGC CATGGCCCAG GTGCAGCTGG TGCAGTCTGG GGGAGGCGTG 150
 GTCCAGCCTG GGCGGTCCCT GAGACTCTCC TGTGCAGCTT CTGGGTTCAT 200
 TTTCAGTAGT TATGGGATGC ACTGGGTCCG CCAGGCTCCA GGCAAGGGGC 250
 TGGAGTGGGT GGCAGGTATT TTTTATGATG GAGGTAATAA ATACTATGCA 300
 GACTCCGTGA AGGGCCGATT CACCATCTCC AGAGACAATT CCAAGAACAC 350
 GCTGTATCTG CAAATGAACA GCCTGAGAGC TGAGGACACG GCTGTGTATT 400
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 ACCACGGTCA CCGTCTCCTC AGGTGGAGGC GGTTCAGGCG GAGGTGGCTC 500
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 GGGCCCCAGG ACAGAGGGTC ACCATCTCCT GCACTGGGAG AAGCTCCAAC 600
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 GGGCTCCAGG CTGAAGATGA GGCTGATTAT TACTGCCAGT CCTATGACAG 800
 CAGCCTGAGG GGTTCGGTAT TCGGCGGAGG GACCAAGGTC ACTGTCCTAG 850
 GTGCGGCCGC ACATCATCAT CACCATCACG GGGCCGCAGA ACAAAAATC 900
 ATCTCAGAAG AGGATCTGAA TGGGGCCGCA TAG 933

Fig. 15C

